



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Feng-Nien Ko et al.

Art Unit : 1654

Serial No. : 09/522,434

Examiner : Susan D. Coe

Filed : March 9, 2000

Title : ANTI-ULCER PHARMACEUTICAL COMPOSITION AND THE  
PREPARATION THEREOF

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

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DECLARATION BY FENG-NIEN KO UNDER 37 C.F.R. 1.132

I, Feng-Nien Ko, hereby declare that:

1. I am a co-inventor of the subject matter described and claimed in the above-identified application, which relates to a composition containing an American ginseng extract for preventing or treating peptic ulcer.

2. I or others have prepared two American ginseng extract-containing compositions. For one composition, the American ginseng extract was extracted with water according to the method described in EXAMPLE 1 of the application ("Water extract"). The American ginseng extract in the other composition was extracted with methanol by the method described in EXAMPLE 4 of the application ("Methanol extract"). Both extracts were filtered through ultrafiltration membranes with a molecular weight cut-off 1,000 (Amicon, Cat. No. S1Y1) to collect retentates containing compounds with molecular weights greater than 1,000 dalton. The extracts thus obtained were then dried.

One gram of each dried extract was mixed with 30 ml ether and then filtered to obtain an ether-soluble fraction and an ether-insoluble fraction. The dry weight of the ether-soluble

CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Aug. 6, 2003  
Date of Deposit

Signature *Deborah R. Wast*

DEBORAH R. WAST  
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fraction was measured using a Denver Instrument IR-200 Moisture Analyser. The results are presented in Table 1 below.

Table 1. Ether-soluble fraction in American ginseng extracts

American Ginseng Extract	Ether-soluble fraction (mg)	Ether-soluble fraction/Total extract
Water-extract (1g)	48	4.8%
Methanol-extract (1g)	100	10.0%

As shown in Table 1, the American ginseng extracts contain at least 4.8% ether-soluble ingredients.

3. All statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Respectfully Submitted,

Date: July 16, 2003

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